

## Function

Measure cork stopper extraction forces.

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## Description

The ExtraLab Portable is a simple equipment, which allows quite easily and accurately, the measure of cork extraction forces by using a corkscrew. To facilitate its transport, the size in height can be reduced to about half. Optionally it can be provided with an aluminium transport case.

It is a low-cost equipment and was developed to meet the needs of both technical and sales staff of cork enterprises and wineries in shop floor control. However it can run also as a laboratory equipment.

The cork extraction is done by using a corkscrew, which should be manually inserted into the cork.

The maximum cork extraction force reading is done by a Mecmesin BGF 1000N force gauge, with a great accuracy and the ability to store maximum values. Besides reading the values from the force gauge display, the user has the option to connect it to a PC and import the values into a windows software application, providing better reading of the force values and the possibility to print reports.



## Specifications

Bottle height (max.)	320mm
Bottle diameter (max.)	200mm
Cork length (max.)	65mm
Capacity	100daN
Resolution	0,02daN
Extraction speed	performed manually (1rps = 30cm/min)
Data output	RS232, Mitutoyo digimatic and analogical
Power supply	four AAA rechargeable batteries
Dimensions (max.)	215mm (W) x 190mm (D) x 820mm (H)
Weight	5,8Kg

## Options

- Aluminium case with foam protections
  - Dimensions: 555mm (W) x 275mm (D) x 255mm (H)
  - Weight (ExtraLab + aluminium case): 10Kg
- Spiral corkscrew
- RS232/USB communication cable
- Windows PC software application to read values and print reports, available in Portuguese and English but with the possibility to print report in several languages
- Can be provided without base, for customers who have also purchased the PerfiLab Portable
- Integration with EGITRON ControlLab software (Cork Quality Control Software)

